

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for Form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 1 of 1

**Complete if Known**

Application Number 09/294,181  
 Filing Date 04/19/1999  
 First Named Inventor William W. Hoffman  
 Art Unit 2859  
 Examiner Name Christopher W. Fulton  
 Attorney Docket No. WWH-101US

**RECEIVED**

OCT 19 2004

**TECH CENTER 2800****U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,574,486	03/11/1986	Drachler	
		US-5291664	03/08/1994	Pinney Jr. et al.	
CLF		US-4750270	06/14/1988	Kundikoff	
CLF		US-5335421	08/09/1994	Jones Jr.	
CLF		US-3885314	05/27/1975	Banas Sr.	
		US-5315617	05/14/1996	Confield	
		US-5894677	04/20/1999	Hoffman	
CLF		US-6282808	09/04/2001	Murray	
CLF		US-5295308	03/22/1994	Stevens et al.	
CLF		US-4930227	06/05/1990	Ketchpel	
CLF		US-4434952	03/06/1984	Czerwinski et al.	
CLF		US-4972601	11/27/1990	Bickford et al.	
		US-2574272	11/06/1951	H. McCully	
CLF		US-2210422	08/06/1940	R.C. Mercer	
CLF		US-3255531	06/14/1966	A.N. Anderson	
CLF		US-1303756	05/13/1919	M. H. Ballou	
CLF		US-1976861	10/16/1934	L.E. Tombal	
CLF		US-1469944	10/9/1923	M.C. Merrill	
CLF		US-1994339	03/12/1935	H.A. Farrand	
CLF		US-190,477	05/08/1877	Dreyfuss et al.	
CLF		US-443,652	12/30/1890	C.E. & M.R. Jewell	
CLF		US-470,864	03/15/1892	S. Darling	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
CLF		JP 59-120902 English Abstract attached	07/12/1984	Nishimura Motoi		<input type="checkbox"/>
CLF		JP 60-155903 English Abstract attached	08/16/1985	Nisshin Steel Co. Ltd.		<input type="checkbox"/>
		GB 2 233 097 A	01/02/1991	John Vincent Lowman		<input type="checkbox"/>
						<input type="checkbox"/>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

LINED  
THROUGH  
REFERENCES  
HAVE  
ALREADY  
BEEN  
CITED.  
CLF  
2/3/05

Examiner  
SignatureDate  
Considered

2-3-05